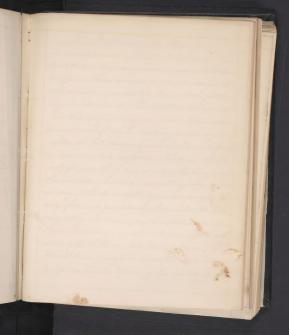
Am Paped March 6 182 Inaugueal Efray Shictures of the Unther In the Degree of Dotter of Medicine in the Fannsy Coanias By Squak IC Dead Charleston January 2. 1828



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On Mirietures in the Unther In compliance with a regulation of this Sustitution requiring each Medical Student to offer a Thesis on some medical or Surgical subject before graduating I submit the follow ing on Strictured in the Unestina . I have selec-Led this subject being one which I have seen several cases of while studying under my breceptor Dr. B. B. Sernous by whose polite in dulgance and under whose inspection That an opportu mily frequently of introducing the bourge and the Catheler. The there was nothing wemarkable in any of the cases still it gave me an opportu suity of seeing a great deal which I should have been obliged to take upon the afection fauther Jan indester for my remarks puncipally to the works of Sir E. Home and Millingham. It will be necessary to consider the naturalands Symptoms and The atmost of the disease in ite

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different stages. In the first place The nature of the membrane of the Wrethra. Is has been a sul jeck of much discussion and is not yet determine - wer wither this membrane te muscular or not. Mr. Hunter and for & Home are of princon that it is musurlar, Mr. Charles Bell Mr. Shaw and others that it is not bestown it is that the Unether enlarges in the passage of the Urine and contracts in the ejection of the semen; also any on who introduced a bouge often will the aftimed be sensible of so powerful a contraction around it as to prevent its passing on without in jury to the parts. Wither this contraction to owing to museularity in the membrane of the Worthing or to the muscles surrounding the fourisis and certain; but as the determination of this point is with important to the consideration of the subged I shal leave it and go on to consider The Formation of Strictures. This membrane of the

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Wrothing like all other structures which either are muscular, or under the influence of muscula. - city is last to contractions. For Ethone unexp if upon the umoral of the Spalm the canal assumes its natural shape it is called simple Spasmodie Stricture; but if after the remnal of the spason it does not a fume its natural fam it constitutes a permanent stricture of formament Stricture the not necessarily may also be sparmotic contrar soboreta ox oran bourd wether deparate or com - bines it may be defined as a contraction of the transserse filres of the membrand which forms that canal der & Home had been particular in ascertaining the domensions of the Wrothing from which he had adduced the following fach that the faits of the Whothra most hathe to stricture are those which awnaturally the Imallest, these are at Timehed which is just behind the bull, rate in frequency the modes from the orifice of the gland

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Some times 3: a neares the opternai rigica and dome times even the whee itself is the de life trickend. thickness vary in their abbear and and sunder The most frequent and simble it to I down is .. we how as having the appearance of a paok Fired 'ies around that part of the canal meline there I see me or two Strictures in different barto of the canal conclines a decres of c'und on after the other forming an irrecular coil ... in that part of the canal the Late a seen to peak rend to tread. The landes of Stricture of chans are daid to ause from Gonorhand Nor How to trunger the muer ande from the causer in is " or he. Sand my cuser one of I'm auce from neglection entire distringent in jectional a spection due mentione as a cause of tracked c'i for i ord not trunk There cause of Incher outher however between most mordon our , with the more a strend and oringous injections to be three of the most

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frequent causes of trioliner. is racing the act of conten ran oxce bene freenon! in dut succe the cause street here with bring on Inasmode contraction and in the " var or duce Drietures Mt. Brugham tans Storemodic Frietures almost always beeced permanent mes. I'm in The bladder, dise ased brastate street a blow in the four our or in short, and thing which time Ances great irritation in the Wrethra oney, be a cause of I'm tue. Some of the , or onon trone) causes me frequently on effect of More lives mid some times in de ben deut of seases which are on founces with streamer before barroutuely of this when mentioning diseases which we be quently mistaken for tricture I may be men honed here transme on still hones are natural bredisposed to strictures so that they may more at a comearly age from the slightest orden causes Symptomes . I'm . Symptoms of It cline

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are both Local and constitutional Frest & a do ich die only by mptom mentioned in The commencement of the deserve is a diminution in the stream of we which is med generally were serceptible is that the disease may exist dome time without the buenday seeden and the freshwarken, but he. geti is a difficult in paying the former As the distant advances new and or on seeder long to " bereeved. The time is rouded in refer quently does not safe without considerable of the and dome for there was effort over the ast drops of wine and dome drain to they are voider molumal empsions a slight discharge from the weether which is increased to calche cel 6 tource s. tient, labouring under Srichen are beculiarly latte. In an sudden change from head out the wine neither entirely in the in or vaper only in dropes of 2 3 in gham

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has also mentioned as a symmetime; Michael shooting saind in the pormoun in the gland four armen: the love and down the thighs Also in tricline the Crine splits and so was out in a forked stream The low stitutional symptoms of tricture. The most common symptom of this kind is a comblete paroxism of fever and aque. The cold fit is extremely severe, this is followed by the hoch Tage after which there is a long was possible ration for & Home remarks that the attack dig. yers from the common lever and some in the orguseach of the persperation the fit in nos return borirdicalle and coldon more than twice . or diordered state of the it is the is a frequent constitutional Jumptom of Mires ture of nas seem rem. kad that the state ; The time has not golded to medicined his was got well on the removal of the structure

Da fu The all bec who diac -p ine. The,

Discover whose Symptoms resemble those of Streeture. In E Home says that inflamation of the wether from Gonorhaa requestly buts on all the l'unt. Tomo of trection even a difficulty in valsing the in and dimentation in the size of the Stream; but he remarks this difference that before all the Ureno is voided the difficulty goes off and The Stream assumer its natural sign which is not the case in thicking. He also remark has an imitable state of the bladder from the irm - jethy which exists retween it and the ".... produces a spacemode contraction in the cum which may be mista ken for structure. A diseased state of the hostate gland is pregnoutly mistaken for thicking. In E Home umarks that when The Prostate dans is enlarged it projects into The neck of the bladder and it is now This cueum. - stance that it is so setten mistaken for Streetines this enlarged state of the Prostate may be detected

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by passing the juger into the rechim and jeeling In The by the above symptoms we may generally be feetly certain when a stricture is presented should not determine inthe hope paloung the rouge. - Treatment ; 2 trictured. "To affect a one in this sisteade means are om/slope with two intentions, other to bring the contracted In back to its original state which is done me. : charmoally by the use of the bouge or to destroy The obstruction for which the Caushe is wied" There is a there mode of treatment revised and inacticed by or (Thusion that's dividing the strict. by a still's Each of the above moder of treating strictures snall is separately consider . ad: but I would first make a few temarks on The Treatment of Basmodie Hiro twees. The usual mode of treating that moder Vinctures is by means of bloodletting strates and the warm bath Mr Twell secales of using the belladora

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with oreansuccess in cases of Skadmodic Shrehma He aims the bouges with the belladons in The Vame was that a bouge is aimed with canothe and introduced is into the itethra where as the stringlum. M. Cline car more ded with the Marin "Timotive of From when overy other means ras veen unsuccefful; he gave so 10 dis i even En Brown all Ten discovered that the cold bath might be used with decided advantage, the idea orewes to him from the circumstance of the contents of his bladder being always on selled whom omersion in cold water. Twell now consider The Treatment of Cumanous Strictures, and just. By the Bouges alone - Before considering the use of the wonger I would remark that thew are your varieties of this instrument, the blaider the catgut the flexible gum and the mein each of which rave their advocales. The moting introducing the rouge . The best directions for

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introducing the rough are verhales oven by all? Brugham He Jays It rouger are intended to in univoduced our ond the on . of the weather they should re linner up at the end so av to give it a direction upwards after it passes the ould Having warmed orled and bout the our of the bougie Lake hold of the point, ush behind the coro. na glandis between two of the frager in vech a mawher as not to cornerejo the Hire! ... Then devating the poner to such an angle as it would a sume in a state of crection in. . troduce the bouge and bajo chon gradually until Acuters the bull then depret the haw so as to allow it to only the membranous part of the canal and pape it on into the bladder ell? Bougham futher Herver that too sonall a bough ought not to be used as it is abo to hitch in the lacune and gather a fold of the Wrothra office its points

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and in that way a false bypage is a fal to be stremade. Gue of Strictures by the bouge alone for E . Home browns that in the early stage. of theches when the weether in Bruch imtated the bougue may be used with advanctage and of the streetime of the means can be dilated to the made . " size of the canal in a few weeks, a cure can be effected. The only poor is says under these circumstances is that ar The bongie acts burely me o' anally it will not take away the disbortion in the said to form theties and the deri are is aft to return is that it is imbortant that the use of the longer should be continued some time after the rolls has obtained its natural chape so as to take off as much as populle the disposition in the bank to contract. This also important that inge of the bonge should be very gradually increased The time of keeping on the tough and the

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requency of a & slying it must entirely depend upon the constitution and feelings of the pla: -trend ell " Burgham never keeps the bougue more than 50 10 minutes in the Unethora a other commen amentanire eats this every third day cofter a time when the Methra becomes more familiarized to its use it may be se beate Attener. Before entering on the treatment of this · Tures by caristic in make a few general umarks. It isoman is sais to have been the first who suggested the idea of using caushe in the our of strictures out that he mentioned no case treated with it by himself or any ne it his day Is that oll? Hunter who frought it into oraches deserver all the credit that so valuable a come claims . Sul it remained fire is & Home by no outherseastic endeavour to entighter and benefit manking by its general inbroduction into practice. Il Hunter made use of

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the laustice only with the intention of dutory ing the sarkwhich obstructed the bafoage of the times . In E Home used it also for the pur - some fall aying the initability of Stricture as well as destroying the obstruction the men. trow several bases where the Urethina been so irratable as to source the use of conques rishar yelder to the application of calestie Tuvious to the use of canthe it was Greguently necessary to lay open the diveade? within and rafe a flexible catherise through the divided vaits into the Hadder, and even bottoms of the disease Wrethra rave been dis. Jectes out. The above oberations however were as the bresent day in barticular cases are cesated to with great a drawtage . I loke i, apply · my Caustie to Strictures. The instrument which Mr. Hunterfirst made we of war a Silver canina and stiles as the one of which a brece Thuner

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caustice the shape of a vowed was fixed this was gently pushed down to the stricture against which it was brefsed as long a time as was thought very ber after which the caustic being Sevetected by the Canula, the whole was with. : drawn. This mode of a belying the caustic ell & Hunter soon found hable . deveral office. tions, we was that a velver camula could not adapt itself to the flexible state of the we there , is that when the Capella or canda is forces the caustice is a fet is our the side of the wether or to make an oblique rifice through the diction Another objection is that from the ungelding nature of the lands it is a ph to produce great irritation in the within on in swemen & on the above mode Gatablying the caustic soon suggested itself ans wa adopted by ell. Hunter, it was by means if an armed original used at follow !

ia di. 11,30 26 The all. dan Take a bourie of such a size as may be readily safeed down to the stricture having inserted in The our of it a siece faunar Cantie Sermitis to remain in contach with the sheetine a sufficiently dong time which much be regulated by the feelings of the Sational This mode of ar coning the bougle was found the echowable as the casistioners app to fall out and injune a healthy back oil' . Pals a dealer in houges discovered a mode of Jecurry the causic which is describe) as follows. In making the longing a piece y were is inscited in the ond ! to the de with that you wish the caustice but, the were of with drawn while the bouger is ween and the caustic is inscited in its place so that upon cooling it is comented to the sides of the linen which in a greek one assure brevents the danger of its falling out there is a third mode of applying the carule to strickness

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which appears to remedy the disa dvantages while it com besies the advantages of both the above mentioned moder This by means of flexible gum camula tough which a bouge is base this method allows us to apply the cause the in bowder or in the form of mitment without injury to the healthy back of the le thisa, this is done by butting some of ihm the bound of the bough and balsing it through the canda down to the Muchus or pulling some of it in the our of the carnela and baking the bouge down to and bulling the cauche before chagainst The stricture Mr. How are was the fush who or ommended the use of cariotic in bowder and made up into outness. It much not be neglected beenous to the application of the caustic always to ascertain as man as botherthe the Shape and debth of the Stricture by means of a soft wax bouger. I will now consider

Are) ben 1 fe' the uce. The the fore.

bufly the use of the different kinds of canvice and the symptom beadness by cantie in the progress of the care . If the degentum Nitratum. This is the only abolication orenterned by ell? Hunter and dor E. Home as having been sised by the m the success of der & Home in the treatment A directural beaks a great deal in facos of this comedy After a bouge has once passed through the strickeredit. Bengham Men accommend the Argentum chitralum in the form of outin on L. Of the Kali Surum Alt Whately was the fresh who introduced the use of the tale winn Har mode & applying in war in inserting a suce if caustic about The size of a bind head in the bounk of the bouge This mode is objection able forceasons already mentioned. The most general mode of using it is in powder. It is difficult to say the barteenlar cased to which the or the

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A.go. tum Nitratum are abblicable; A is however sufficient to know that each have been successfully used, and that one may succee where the other has failed If the Pota fra dub Carbonas in use is incere. mudy was entroduce oby M. Bungham he says. Bours ! whereter in where the tale Jurum noted beneficially in dis sust produce any abrasion i the Stricture but that it movely roled by allay : ing worldlen and excelling copioned is one her . com the sart i was led to conclude jurther that if this denen wire court bucesely the ane advantage would be derived . com the Potagea sut barbonas. His experience afterwards veri fred his spinion. M. Bugham semarks that hough the effects of this come is me very much the same as those of the Kali Purum it has some advantages The Ent Enum being much more brolows than I And as there are cases

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which require great delicacy of treatment the Titafoa . ut Carlonas - i Decutiarly ada bled to such Even in Assinate cases it is sufarable as a much pealer quantily may be used with less reste. c. 12. Bring im used his one Saration in three ways other by introducing some of it on the bound of a songe or Bulling some if in logether with smotor in the end, the canila and preping " against the thicken by means of a bougue or be taking an aimed Longe through the camula . W. B. ugham ayothan the alkalis in general have the Carberty of Cefsening imtability and exciting the absorbents when addles to any vart of the body. Of the Nalson Endecation. Almost every thing which has been sues of the Polage sub barbones is upplicable to this remining in the lualne no of Muchues as all' Peny harro mentions some cases succeptully treated

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by the chatron Execution alone we may frequentle when other applications have finite: or are stow in producing a cure vary Whe treatment successfully by the use of this whice, .. , the Inquentum Hydragen Fateus M. Bungham days that he have we dry cases by this corners : Is insee of this chies conceding has been employee without success but enmedeals. . a improved and were finally cure dinder the us of this remery. It mas not be altogether one el clace to moutes thetell Bougham had used it succe sfully in chilinate cases fy lech, also in Plymous. The went mede of applying in it by somening some of it on the ind of a bongs and ba frong it through the Stricture ell Bingham abbene to que a prefforence to this remety in the treatment of Muchocos, how far the idenien is correct further experience well have to brove . Pechalis in preferenced is in

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some measure cumo to the remedy being new with hundely . Thanng mentioner rafas as & from all the substances that have been made use of in the heatment; Anchered whall new mention some of the sym Stones retices by des & Home as being beduced by caushe in The Vargeofs of the come. The strutations from the application fearshe me heatan? samely in the part, the fore infoll some time after the application of the course the duration varies in defferent porsons. There is frequently hamarchage from the band to which the canche has been applied ou Ellemo days that this hashed governly bean found attendo In had conte quences equother effect arising from The use of caustic is of hy fiver and ague on & Homovays that the often corner in after a ducture I long standing had been Destroy . c. The only treatment he advised in these cases

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is sponing medicines. The above sympton . Van ne observer are juguently so severe after each ab: - plication of the earstie asentirely to present its use . In some caves of obdurate thetures also from the frequency if a salying the cause such wortability has been brought on in the weethra as to prevent its use. His probably from the symptoms as these and from the danger finaling false vapages that dome surgeon have been areise to the use of courte in the treatment of Streetwees. I sem aires as to mention the third and last though not for hape the least offer that mode if the along the time, or, director by the stilet as freefor mer by It Physick. The methument made use of by " Prysick wa work if a most concealer a camula that may be pushed forward or cetras: ter at pleasure. That this mothermond is preced-. harly adapted to certain cased we do not want

days the stile The. The . duc the ? Mon confit. Le no in de

The endence of some four most ominantiles and I felim after mentioning the success with which this instrum. hasbeen and continues to be used in The hours of De Thysich says a myself have lekewise. Micceded in a next man ases in effecting a perfectione after onger caudir and other means had onlively ailed . Bylan The Currical days in the Almes house infir. many a few years ago, "per foraled with the. stiled a Stricture of many years standing men the bulb, which had resisted for soveral years the united efforts of several dangerns to introduce an instrument of any description into the bladder In three minutes after the divi-· Mon of the Stricture a catheter entered and the satient experiences the greatest or fille relief." After having mentioned the above case it would be needless for me to advance any thing further in support of the utility of this mode of reacting

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strictures. I believe I have mentioned all the various modes of heating thectures, until buchapes some peculiarities of the Funch Jurgeons which Shave such has an ipportunity of seeing describes Before concluding this subject I would make a few umarks on some of the consequences of Stuctures The of the consequences of Michine Vays chily well is an extravalation of theme into the Pereneus The Wrothing gives is ay and the Mune finds its way into the Perencum Verotum and inte fuments of the Pours. He says the operation for the relief of the complaint consists in the de wiston of the Streetway and an incision is made in the raphe directly on it the stricture is then divided from above down wards and immedi-- ately the Mune gusher out Mr. Tyroll has been famed this operation frequently without defe scully and with Jucceps. He vays there is a paper lately out by ell. Thou flondon, in which the division of thectures is accommended in preference to the caustic As I have not been

upi The ahd 900 dise. and. by the is as have

il I car say nothing about it. An inlarged testicle is monthone as existing frequently in consequence of strictures awing from a sympathy which exists between it and the Mother, and is only cours upon the remaral of the Streeting Fistula in Perenno is another frequent consequence of this tures though bechops of tenor from neglect in the treatment of Strictures. Hydroceles are also mentioned by Sir & Home as aising from Muchine and to be cured upon the removal of the electure I would finally remark on the authority of die 2 Home that there are many constitutional diseases arising from Michied in the Wethire and which have been senduce of fully treated by the remedies usual in such cases considering is as an independent disease, but have been cured upon the removal of the disease Michine which was the cause proving the disease to have been menly a sympathetic one.